

**APPLICATION FOR RENEWAL OF APPROVAL FOR PRESSURE RELIEF
DEVICES, VALVES, CLOSURES, AND FITTINGS**

1. AAR APPROVAL No. E 182106
 2. Date of Application 05/01/2018
 3. Previous AAR Approval E089016
 4. Applicant: Metso
 5. Address: 44 Bowditch Dr. Shrewsbury, MA 01545-8044
 6. Drawing No. 5443 7. Latest rev. K 8. Date of latest rev. 10-18-2016, 06-2014
 9. Description of device: LIQUID/VAPOR VALVE 10. Device IDNo. 9F Eliminator

CERTIFICATION: The subject device is **unchanged** from the previous approval, and conforms with the latest revision of AAR Specifications for Tank Cars, Appendix A. The device conforms with drawing listed above.

11. By: David Escobar  Title: Director of Engineering

If device is **changed** since latest approval, fill in the following blanks

12. Reference Previous Drawing	New Drawing	If on Service Trial
No. _____ Rev. <u>*</u> Date <u>10-18-2016</u>	No. _____ Rev. _____ Date _____	S.T. No. _____
No. _____ Rev. _____ Date _____	No. _____ Rev. _____ Date _____	S.T. No. _____
No. _____ Rev. _____ Date _____	No. _____ Rev. _____ Date _____	S.T. No. _____

11. New drawing supersedes previous one or does not obsolete it

CHANGES

REASONS FOR CHANGES

14. a. Rev K Revised Torque Values ^{RSP} a. _____
 b. _____ b. _____
 c. _____ c. _____
 d. _____ d. _____
 (if needed use supplemental sheet)

15. Normal operational effect of changes of device: _____

16. Drawing submitted with this application: 5443-K

CERTIFICATION: The above data is correct and conforms with AAR Specifications for Tank Cars, Appendix A. The device conforms with drawing listed above.

17. By: _____ Title: _____

APPROVAL AAR Tank Car Committee:

Date Approved: 7/5/2018


 (Signature) on behalf of Committee